18 August 1983

Dr. Davis' Recommendations

- o DDCI anticipate potential questons on possibility that computers processing intelligence information could be accessed like the Los ALamos case. Questions most likely to come from:
 - -- White House
 - -- NSC
 - -- Congress
 - -- Press
- o DDCI take the initiative and talk to:
 - -- SEC DEF
 - -- Judge Clark
- o DDCI inform these officials that:
 - -- Intelligence Community is fully aware of what happened at Los Alamos via a briefing to COMPUSEC project team by Chief Computer Security, Los Alamos, last Friday (day that story appeared in press).
 - -- Los Alamos case did not pose any new problems that the COMPUSEC project team had not identified as potential security vulnerabilities.
 - -- DDCI has personally sponsored a joint DOD/IC computer project since last April to focus on multiple and varied computer security efforts under a one-year project designed to provide a long term effective computer security program which will ensure that intelligence information processed in computers will not be compromised.

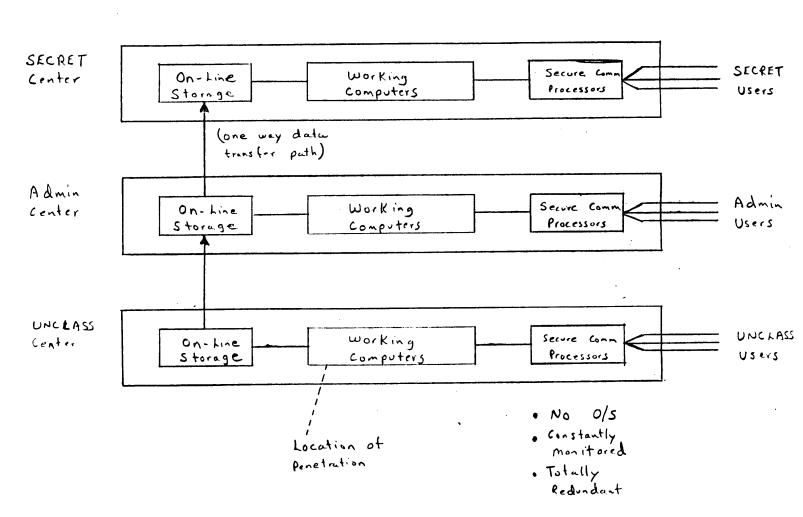
OVERVIEW OF LOS ALAMOS CASE

- o Briefing by Dr. Lara Baker, Chief of Computer Security OPSEC team at Los Alamos. Head of 3 to 5 full time computer experts who perform "penetrations" as part of an effort to continuously maintain an appropriate level of security.
- o Sensitivity of discussing case since indictment is pending and case is still under investigation by FBI.
- o Summary of processing capabilities at Los Alamos
 - -- Several computers; more than NSA; 6 Crays
 - -- Three (3) processing centers:
 - like Ruffing Center and All Star
 - SECRET CNWDI Center; Admin Center; UNCLASS Center
 - dial-up capability only into UNCLASS Center
 - computers linked via local network such that classified users can get access to Admin & UNCLASS Centers; but not vice versa
- o Summary of Incident
 - -- Current polices and procedures of Los Alamos Comuter Security Program would have prevented the incident if they had been followed.
 - -- New group of computers in UNCLASS Center installed under short deadline conditions and were to be made available via dial up capability.
 - -- Security procedures required two things that were not completed
 - dial-up access via "secure" communications computer <u>not</u> followed
 - system password <u>not</u> changed before operations began (analysis to security officer not changing 75-25-50 combo on his "master safe)
 - -- Kids accessed via TELNET from Milwaukee, got telephone number from electric bulletin board.
 - -- Used USERID and master password to get in.
 - -- Had system privileges; able to develop their own passwords.

- -- Developed their own USERID and password.
 - JOSHUA and Jehovah
 - JOSHUA star computer in movie "War Games"
 - Would have been monthly check; security officer caught problem within 20 minutes

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OVERVIEW OF LOS ALAMOS COMPUTING FACILITIES



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